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PATENT  
Attorney Docket No.: 014089-002540US

9/17/02  
9/25/02  
PC

TOWNSEND and TOWNSEND and CREW LLP

By: Kim Badier  
Kimberly Badier

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

VEERASAMY, Vijayen et al.

Application No.: 09/165,513

Filed: October 2, 1998

For: METHOD OF PRODUCING  
RECORDING MEDIA HAVING  
PROTECTIVE OVERCOATS OF  
HIGHLY TETRAHEDRAL  
AMORPHOUS CARBON

Examiner: RESAN, S.

Art Unit: 1773

AMENDMENT

RECEIVED  
SEP 25 2002  
TC 1700 MAIL ROOM

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed June 18, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claim 59, as follows.

2159

(Twice Amended) An article comprising:

a substrate; and

a layer disposed over the substrate, the layer comprising a highly

41  
tetrahedral amorphous carbon having more than about 15%  $sp^3$  carbon-carbon bonds and a single peak Raman spectrum, the layer further comprising at least one of hydrogen and nitrogen, wherein the  $sp^3$  carbon-carbon bonds are at least in part formed by directing an energized stream of carbon ions having a uniform weight and a substantially uniform impact energy toward the substrate;

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